इंटरनेट मानक

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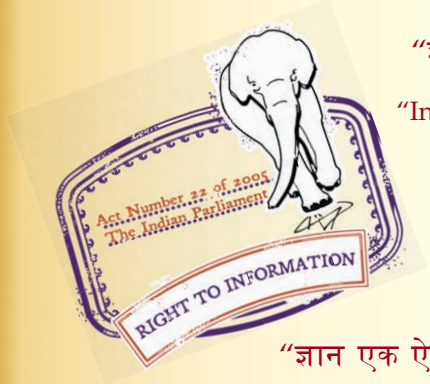
"जानने का अधिकार, जीने का अधिकार"
Mazdoor Kisan Shakti Sangathan
"The Right to Information, The Right to Live"

"पुराने को छोड नये के तरफ"
Jawaharlal Nehru
"Step Out From the Old to the New"

IS 5548 (1970): Lubricating Nipple Adaptors [PGD 19: Lubricating Equipments]

"ज्ञान से एक नये भारत का निर्माण"
Satyanarayan Gangaram Pitroda
"Invent a New India Using Knowledge"



"ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है"
Bhartṛhari—Nītiśatakam
"Knowledge is such a treasure which cannot be stolen"

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Indian Standard

(Reaffirmed 2001)

SPECIFICATION FOR LUBRICATING NIPPLE ADAPTORS

Lubricating Equipment Sectional Committee, EDC 63; **Panel for Lubricating Nipples, Adaptors and Connectors, EDC 63 : P : 1 [Ref: Doc: EDC 63(1457)]**

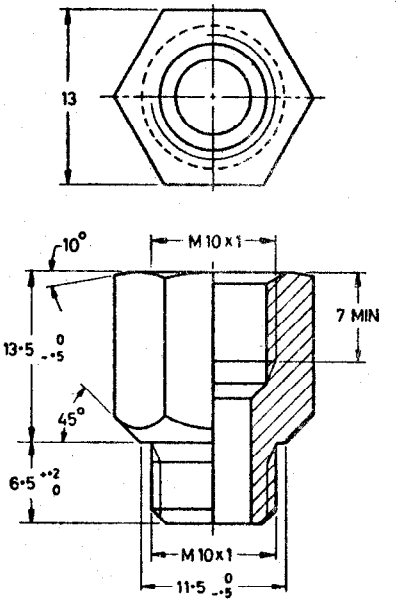
1. Scope — Specifies the overall dimensions and thread sizes of the following two types of lubricating nipple adaptors:

a) Straight adaptors, and

b) Angle adaptors.

2. Dimensions

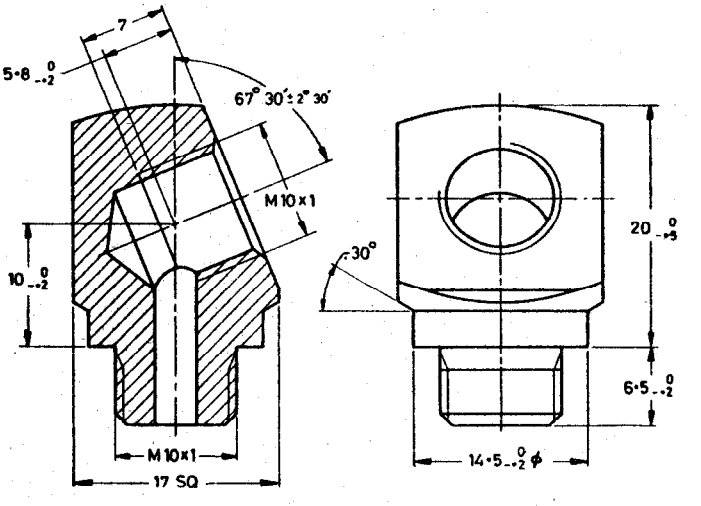
2.1 *Straight Adaptors*



All dimensions in millimetres.

Designation — A straight lubricating nipple adaptor of nominal size M10 x 1 shall be designated as:
Straight Adaptor M10 x 1 IS : 5548 - 1970.

2.2 *Angle Adaptors*



All dimensions in millimetres.

Designation — An angle lubricating nipple adaptor of nominal size M10 x 1 shall be designated as:
Angle Adaptor M10 x 1 IS : 5548 - 1970.

Adopted 20 February 1970 © October 1970, ISI Gr 1

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NEW DELHI 110002

3. Material — The body of the adaptors shall be manufactured from free-cutting brass conforming to IS : 319-1962* or from brass or bronze having hardness value in the range of 110 to 190 *HV* 5 (see IS : 2866-1965†). Alternatively, the body shall be manufactured from steel conforming to the property class 4 8 of IS : 1367-1967‡.

4. Workmanship and Finish

4.1 The adaptors shall be finished smooth and shall be free from burrs, cracks and other manufacturing defects. Threads shall be cleanly formed and free from imperfections.

4.2 Adaptors manufactured from steel shall be plated with zinc (see IS : 1573-1960§) or cadmium (see IS : 1572-1960‖).

5. Marking — To be marked with the nominal size and the manufacturer's name or trade-mark.

6. Packing — The adaptors shall be packed in accordance with the best prevalent trade practice or as specified by the purchaser.

7. Sampling — Unless otherwise agreed to between the purchaser and the supplier, the sampling plan as given in Appendix A shall be followed.

8. ISI Certification Marking — Details available with the Indian Standards Institution, New Delhi.

APPENDIX A

(Clause 7)

SCALE OF SAMPLING AND CRITERIA FOR CONFORMITY

A-1. Scale of Sampling

A-1.1 *Lot* — In any consignment all the lubricating nipple adaptors of the same size and type and manufactured from the same material under essentially similar conditions shall constitute a lot.

A-1.2 For ascertaining the conformity of the lot to the requirements of this specification tests shall be carried out for each lot separately. The number of lubricating nipple adaptors to be selected at random from each lot shall be as given below. To ensure the randomness of selection, IS : 4905-1968¶ shall be followed:

Lot Size	*Sample Size*	*Permissible Number of Defectives*
(1)	(2)	(3)
Up to 100	8	0
101 „ 150	13	0
151 „ 300	20	0
301 „ 500	32	1
501 „ 1 000	50	2
1 001 „ 3 000	80	3
3 001 and above	125	5

A-2. Number of Tests and Criteria for Conformity

A-2.1 The lubricating nipple adaptors selected according to **A-1.2** shall be examined for dimensions, and workmanship and finish. Any lubricating nipple adaptor failing to satisfy the requirements for any one, or more, of the characteristics shall be declared defective.

A-2.2 The lot shall be declared conforming to the requirements of this specification if the number of lubricating nipple adaptors found defective is less than or equal to the corresponding number given in **A-1.2**.

*Specification for free-cutting brass rods and sections (*revised*).
†Method for Vickers hardness test for copper and copper alloys.
‡Technical supply conditions of threaded fasteners (*first revision*).
§Specification for zinc plating.
‖Specification for cadmium plating.
¶Methods for random sampling.

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